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## RAW SEQUENCE LISTING

DATE: 08/27/2004

PATENT APPLICATION: US/10/813,160

TIME: 10:28:43

Input Set : A:\10-813160 Sequence Listing.txt

Output Set: N:\CRF4\08272004\J813160.raw

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3 <110> APPLICANT: COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
4     KHANUJA, Suman Preet Singh
5     PAUL, Shilpi
6     SHASANY, Ajit Kumar
7     DAROKAR, Mahendra Pandurang
8     SHUKLA, Ashutosh Kumar
9     GUPTA, Madan Mohan
10    KUMAR, Anuruddha
12 <120> TITLE OF INVENTION: PRIMERS AND A SCREENING METHOD FOR IDENTIFICATION OF
ARTEMISININ
13    PRODUCING PLANTS
15 <130> FILE REFERENCE: Q80746
17 <140> CURRENT APPLICATION NUMBER: 10/813,160
18 <141> CURRENT FILING DATE: 2004-03-31
20 <150> PRIOR APPLICATION NUMBER: PCT/IN03/00404
21 <151> PRIOR FILING DATE: 2003-09-29
23 <160> NUMBER OF SEQ ID NOS: 23
25 <170> SOFTWARE: PatentIn version 3.2
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 22
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: PCR primer
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36 ccaagcttg c tgaacgc atc gg
39 <210> SEQ ID NO: 2
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44 <220> FEATURE:
45 <223> OTHER INFORMATION: PCR primer
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51 <210> SEQ ID NO: 3
52 <211> LENGTH: 932
53 <212> TYPE: DNA
54 <213> ORGANISM: Artemisia annua
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61 gagatgtcta ccgagattgc acgtctcaaa cgccagctgg cagaacggga tgaagagctg
63 gctatctctcc aaaaggccgc gacatacttc gcgaagcgcc tgaaatgaag tatgtcttta
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**ENTERED**

22

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120

180

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## RAW SEQUENCE LISTING

DATE: 08/27/2004

PATENT APPLICATION: US/10/813,160

TIME: 10:28:43

Input Set : A:\10-813160 Sequence Listing.txt

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67 gcagcggctg gtatacgtgg gtgtcagcgg cggacaagga taagcccgcg taagcagttc 360
69 cgccaacact gcacaggggg ttgtctcgcg ggttttaccc cgggtcaaac aagcgttacc 420
71 ggtgccccac gcttgaccgg atgacctgcg gtgtcaggg ttacccttta acgtaaaaaa 480
73 cccgtggcgg caagcttgcc cggtcaggg ctgaaggcaa aggcctcccg gaagttcagc 540
75 cgggtcagct accgcggcac acgggcctgc ctgtgtcaga aaatctgttg gagcaggatt 600
77 tttacgcccc gtggcccgaa ccagaagtgg gcaggagaca tcacgtactt acgtacagat 660
79 gaaggctggc tgtatctggc agtggtcatt gacctgtggt cacgtgccgt tattggctgg 720
81 tcaatgtcgc cacgcatgac ggcgcaactg gcctgcgatg ccctgcagat ggcgctgtgg 780
83 cggcgtaaga ggccccgaa cgttatcggt cacacggacc gtggaggcca gtactgttca 840
85 gcagattatc aggcgcaact gaagcggcat aatctgcgtg gaagtatgag cgcaaaaggt 900
87 tgctgctacg ataatgcctg cgtggaaagc tt 932
90 <210> SEQ ID NO: 4
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92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
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96 <223> OTHER INFORMATION: primer MAP01
98 <400> SEQUENCE: 4
99 aaatcggagc 10
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103 <211> LENGTH: 10
104 <212> TYPE: DNA
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108 <223> OTHER INFORMATION: primer MAP02
110 <400> SEQUENCE: 5
111 gtcctactcg 10
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 10
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: primer MAP03
122 <400> SEQUENCE: 6
123 gtccttagcg 10
126 <210> SEQ ID NO: 7
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128 <212> TYPE: DNA
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131 <220> FEATURE:
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135 tgcgcgatcg 10
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139 <211> LENGTH: 10
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141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
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## RAW SEQUENCE LISTING

DATE: 08/27/2004

PATENT APPLICATION: US/10/813,160

TIME: 10:28:43

Input Set : A:\10-813160 Sequence Listing.txt

Output Set: N:\CRF4\08272004\J813160.raw

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155 <220> FEATURE:  
156 <223> OTHER INFORMATION: primer MAP06  
158 <400> SEQUENCE: 9  
159 gcacgccgga 10  
162 <210> SEQ ID NO: 10  
163 <211> LENGTH: 10  
164 <212> TYPE: DNA  
165 <213> ORGANISM: Artificial Sequence  
167 <220> FEATURE:  
168 <223> OTHER INFORMATION: primer MAP07  
170 <400> SEQUENCE: 10  
171 caccctgcgc 10  
174 <210> SEQ ID NO: 11  
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176 <212> TYPE: DNA  
177 <213> ORGANISM: Artificial Sequence  
179 <220> FEATURE:  
180 <223> OTHER INFORMATION: primer MAP08  
182 <400> SEQUENCE: 11  
183 ctatcgccgc 10  
186 <210> SEQ ID NO: 12  
187 <211> LENGTH: 10  
188 <212> TYPE: DNA  
189 <213> ORGANISM: Artificial Sequence  
191 <220> FEATURE:  
192 <223> OTHER INFORMATION: primer MAP09  
194 <400> SEQUENCE: 12  
195 cgggatccgc 10  
198 <210> SEQ ID NO: 13  
199 <211> LENGTH: 10  
200 <212> TYPE: DNA  
201 <213> ORGANISM: Artificial Sequence  
203 <220> FEATURE:  
204 <223> OTHER INFORMATION: primer MAP10  
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211 <211> LENGTH: 10  
212 <212> TYPE: DNA  
213 <213> ORGANISM: Artificial Sequence  
215 <220> FEATURE:  
216 <223> OTHER INFORMATION: primer MAP11  
218 <400> SEQUENCE: 14

## RAW SEQUENCE LISTING

DATE: 08/27/2004

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Input Set : A:\10-813160 Sequence Listing.txt

Output Set: N:\CRF4\08272004\J813160.raw

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231 ccaagcttgc 10
234 <210> SEQ ID NO: 16
235 <211> LENGTH: 10
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: primer MAP13
242 <400> SEQUENCE: 16
243 gtgcaatgag 10
246 <210> SEQ ID NO: 17
247 <211> LENGTH: 10
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: primer MAP14
254 <400> SEQUENCE: 17
255 aggatacgtg 10
258 <210> SEQ ID NO: 18
259 <211> LENGTH: 10
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: primer MAP15
266 <400> SEQUENCE: 18
267 aagatagcgg 10
270 <210> SEQ ID NO: 19
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278 <400> SEQUENCE: 19
279 ggatctgaac 10
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285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: primer MAP17
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## RAW SEQUENCE LISTING

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Input Set : A:\10-813160 Sequence Listing.txt

Output Set: N:\CRF4\08272004\J813160.raw

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296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
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302 <400> SEQUENCE: 21
303 catcccgaac 10
306 <210> SEQ ID NO: 22
307 <211> LENGTH: 10
308 <212> TYPE: DNA
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311 <220> FEATURE:
312 <223> OTHER INFORMATION: primer MAP19
314 <400> SEQUENCE: 22
315 ggactccacg 10
318 <210> SEQ ID NO: 23
319 <211> LENGTH: 10
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: primer MAP20
326 <400> SEQUENCE: 23
327 agcctgacgc 10
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**VERIFICATION SUMMARY**

DATE: 08/27/2004

PATENT APPLICATION: US/10/813,160

TIME: 10:28:44

Input Set : A:\10-813160 Sequence Listing.txt

Output Set: N:\CRF4\08272004\J813160.raw